

Converting Colors

CIELCh(100, 46.630, 85.245)

Have a look what the booklet for
CIELCh(100, 46.630, 85.245)
contains.

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Color

CIELCh(97, 43.202, 104.218)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAA4
RGB	255, 250, 164
RGB Percent	100%, 98%, 64%
CMY	0.0000, 0.0190, 0.3563
CMYK	0.00, 0.02, 0.36, 0.00
HSL	57°, 100%, 82%
HSV	57°, 36%, 100%
XYZ	82.2437, 92.4403, 48.6978
YIQ	241.6910, 30.5860, -25.6860

Conversions

Conversions Part 2

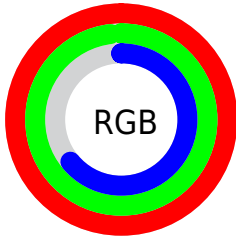
Format	Color
RYB	169, 255, 164
Decimal	16775844
CIELab	97.00, -10.61, 41.88
CIELCh	97, 43.202, 104.218
Yxy	92.4403, 0.3682, 0.4138
Android (android.graphics.Color)	4294965924 (0xFFFFFAA4)
YUV	241.6910, -38.3017, 11.6720
Hunter-Lab	96.1459, -15.5655, 37.2718

Details

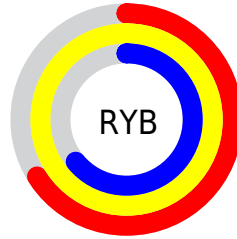
The CIELCh color **97, 43.202, 104.218** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 46.846, 292.792**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.699, 108.839**, and **77, 43.339, 104.439** is the 20% darker color. If you saturate the color by 10%, you get **96, 54.772, 103.294**, and if you desaturate by 10%, it is **98, 31.256, 105.333**.

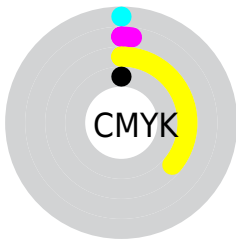
Distribution



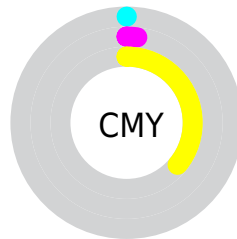
- Red (100%)
- Green (98%)
- Blue (64%)



- Red (66%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 43.202, 104.218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 97, 43.202, 104.218 by changing the saturation by 10% instead.


 97, 43.202,
104.218


 97, 43.202,
104.218


 100, 43.202,
104.218


 87, 43.202,
104.218

 77, 43.202,
104.218

 67, 43.202,
104.218

 57, 43.202,
104.218

 47, 43.202,
104.218

 37, 43.202,
104.218

 27, 43.202,

104.218

■ 17, 43.202,
104.218

■ 7, 43.202, 104.218

■ 97, 43.202,
104.218

■ 97, 43.202,
104.218

■ 96, 54.772,
103.294

■ 98, 31.256,
105.333

■ 96, 65.689,
102.331

■ 99, 19.114,
106.365

■ 95, 75.523,
101.441

■ 99, 6.884, 107.379

100, 0.012,

■ 95, 83.682,
100.655

296.813

■ 94, 89.491, 99.999

■ 94, 92.493, 99.482

■ 94, 93.150, 99.287

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97, 43.202, 104.218



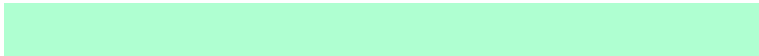
72, 46.846, 292.792

Rectangle

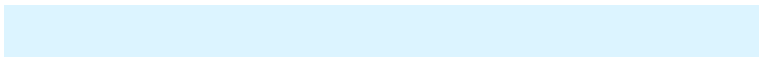
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 43.202, 104.218



97, 43.202, 154.218



97, 43.202, 284.218



97, 43.202, 334.218

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97, 43.201, 104.303



99, 13.459, 106.839



77, 36.020, 17.682



53, 9.042, 106.701



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

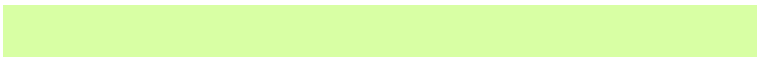
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 43.201, 104.303



96, 51.779, 103.556



95, 48.011, 124.941



53, 6.956, 106.991



72, 75.076, 99.351



25, 34.072, 99.972

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72, 46.846, 292.792



66, 57.417, 294.178



74, 50.952, 308.684



49, 7.098, 288.996



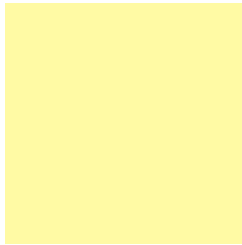
24, 105.411, 305.675



4, 42.436, 300.850

Previews

White Background



This preview shows how the CIE LCh color 97, 43.202, 104.218 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 43.202, 104.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

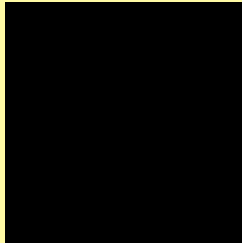
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 43.202, 104.218

Background



This preview shows how black text looks on a background with the CIELCh color 97, 43.202, 104.218.

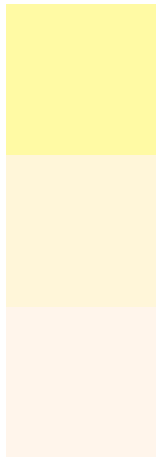


This preview shows how white text looks on a background with the CIELCh color 97, 43.202, 104.218.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
97, 43.202, 104.218

Protanopia
97, 15.122, 96.315

Deuteranopia
97, 6.218, 74.387



Tritanopia
97, 5.909, 335.926

Trichromacy



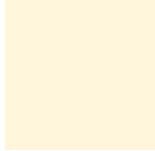
Original Color
97, 43.202, 104.218



Protanomaly
97, 25.490, 102.234



Deuteranomaly
97, 19.538, 99.873

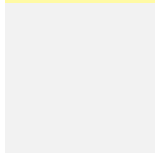


Tritanomaly
97, 14.129, 95.524

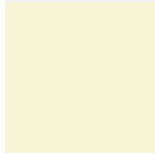
Monochromacy



Original Color
97, 43.202, 104.218



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 15.811, 106.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 43.202, 104.218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 250, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 250, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 43.202, 104.218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 250, 164) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 250, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 250, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 43.202, 104.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
250, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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